

(19)



JAPANESE PATENT OFFICE

Ref. 2

## PATENT ABSTRACTS OF JAPAN

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**H04B 7/26**(21) Application number: **63059724**(22) Date of filing: **14.03.88**(71) Applicant: **MATSUSHITA ELECTRIC IND CO LTD**(72) Inventor: **SASAKI MICHIO  
TEJIMA KATSUMI  
MACHIDA HITOSHI****(54) MULTI-FREQUENCY RADIO COMMUNICATION METHOD**

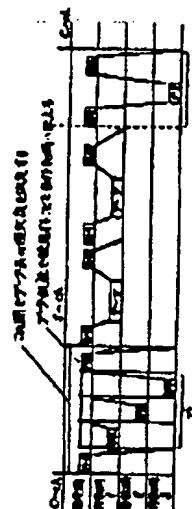
remaining time of the communication time of the communication channel.

**(57) Abstract:**

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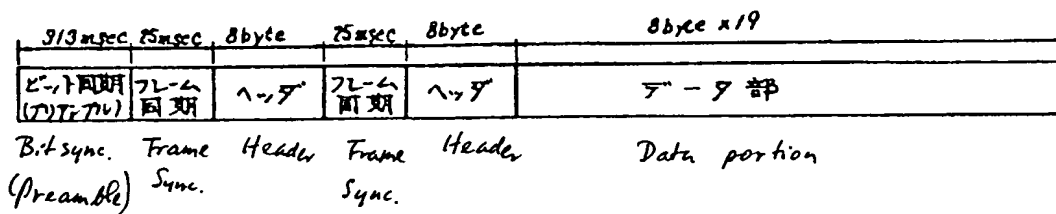
**PURPOSE:** To send a data by applying time division to a communication channel in response to the transmission data length of a mobile station to use the communication channel efficiently.

**CONSTITUTION:** A control station applies polling to mobile stations 1-3, and the mobile stations 1-3 applies call request including a transmission data length, respectively. The control station compares the remaining time of the communication time of the communication channel with the transmission time of the mobile stations 1-3 corresponding to the transmission data length to decide the transmission priority and issues a notice to permit the call request to the mobile station 1 having the longest transmission data length. Receiving the data from the mobile station 1 with the highest priority, the control station gives the transmission priority to a mobile station whose transmission time corresponding to the transmission data length is shorter than the remaining time through the result of comparison of the transmission time of the mobile station 1-3 corresponding to the transmission data length with the



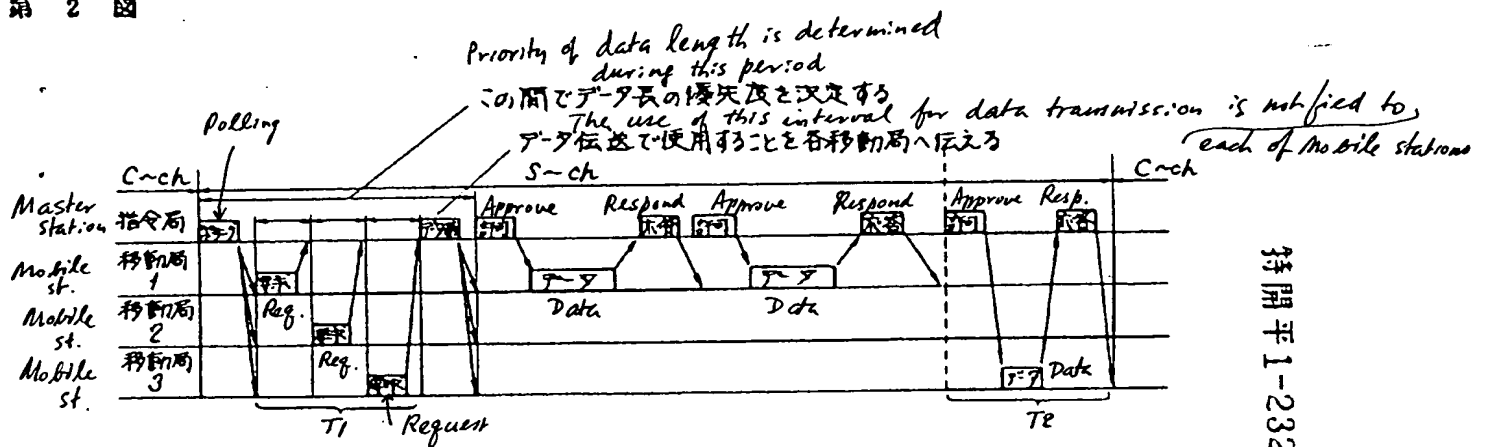
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第 1 圖



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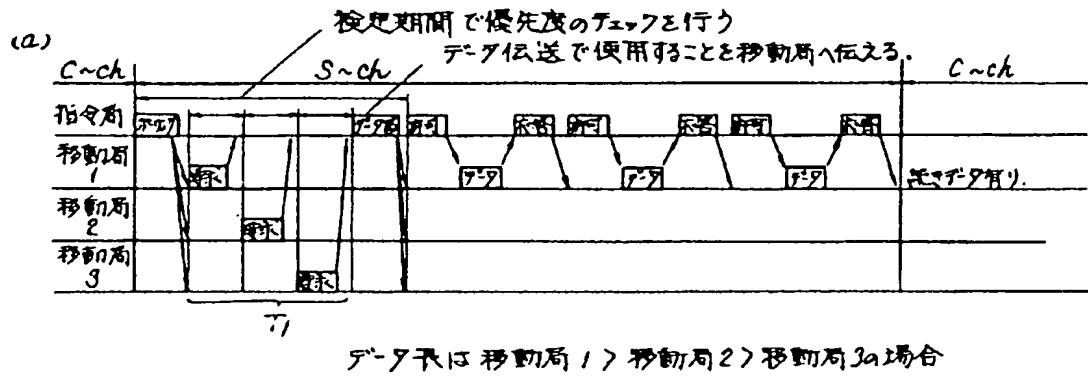
第 2 圖



データ長は 移動局1 > 移動局2 > 移動局3 の場合  
Data length assumed to be Mobile 1 > Mobile 2 > Mobile 3

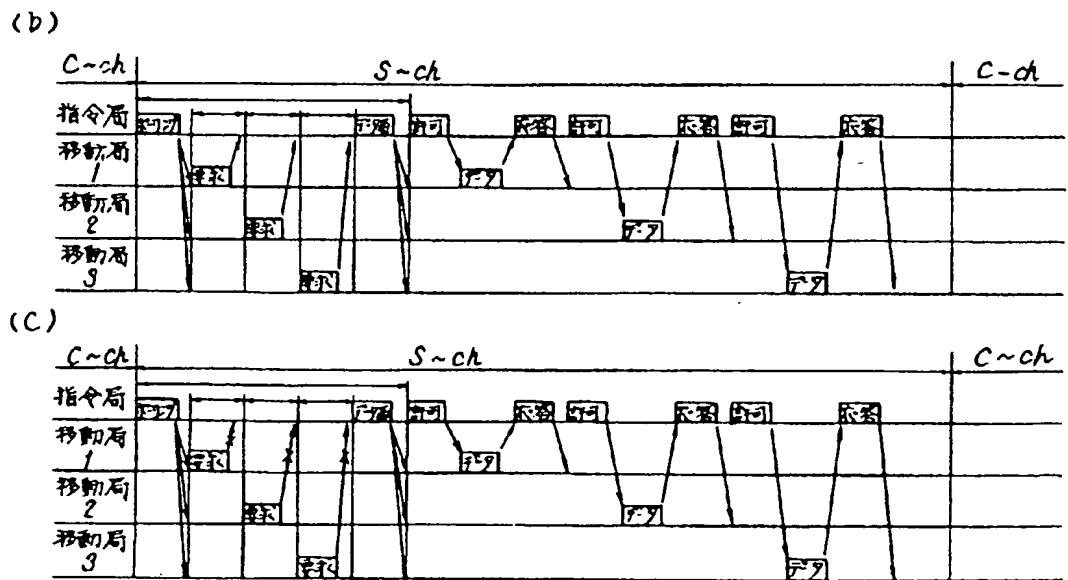
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第 3 図



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第 3 図



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